WHAT IS CLAIMED IS:

1.   A glass for substrate, which consists, as represented by mass percentage, essentially of:

SiO_2	40 to 59%,
Al_2O_3	5 to 20%,
B_2O_3	0 to 8%,
MgO	0 to 10%,
CaO	0 to 12%,
SrO	2 to 20%,
BaO	0 to 2%,
ZnO	0 to 4%,
Li_2O	0 to 2%,
Na_2O	0 to 10%,
K_2O	0 to 12%,
TiO_2	0 to 10%, and
ZrO_2	0 to 5%,

wherein MgO+CaO+SrO+BaO is at least 15%.

2.   The glass for substrate according to Claim 1, wherein Al_2O_3+TiO_2 is at least 11%.

3.   The glass for substrate according to Claim 1, wherein BaO+Li_2O+Na_2O+K_2O is at most 14%.

4.   The glass for substrate according to Claim 2, wherein BaO+Li_2O+Na_2O+K_2O is at most 14%.

5.   The glass for substrate according to Claim 4, wherein Li_2O+ZnO is at most 2%.

6.   The glass for substrate according to Claim 1, wherein Li_2O+ZnO is at most 2%.

7. The glass for substrate according to Claim 1, which has an average linear expansion coefficient of at least $70 \times 10^{-7}/°C$ within a range of from 50 to 350°C.

8. The glass for substrate according to Claim 1, which has a glass transition temperature of at least 600°C.

9. A glass substrate made of the glass for substrate as defined in Claim 1, wherein the number of attachments having sizes of at least 10 µm present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/cm^2$, and the number of attachments having sizes of from 1 µm to less than 10 µm so present, is not more than $10^5/cm^2$.

10. A glass substrate made of the glass for substrate as defined in Claim 2, wherein the number of attachments having sizes of at least 10 µm present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/cm^2$, and the number of attachments having sizes of from 1 µm to less than 10 µm so present, is not more than $10^5/cm^2$.

11. A glass substrate made of the glass for substrate as defined in Claim 3, wherein the number of attachments having sizes of at least 10 µm present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/cm^2$, and the number of attachments having sizes of from 1 µm to less than 10 µm so present, is not more than $10^5/cm^2$.

12. A glass substrate made of the glass for substrate as

defined in Claim 4, wherein the number of attachments having sizes of at least 10 μm present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/cm^2$, and the number of attachments having sizes of from 1 μm to less than 10 μm so present, is not more than $10^5/cm^2$.

13. A glass substrate made of the glass for substrate as defined in Claim 5, wherein the number of attachments having sizes of at least 10 μm present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/cm^2$, and the number of attachments having sizes of from 1 μm to less than 10 μm so present, is not more than $10^5/cm^2$.

14. A glass substrate made of the glass for substrate as defined in Claim 7, wherein the number of attachments having sizes of at least 10 μm present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/cm^2$, and the number of attachments having sizes of from 1 μm to less than 10 μm so present, is not more than $10^5/cm^2$.

15. A glass substrate made of the glass for substrate as defined in Claim 8, wherein the number of attachments having sizes of at least 10 μm present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/cm^2$, and the number of attachments having sizes of from 1 μm to less than 10 μm so present, is not more than $10^5/cm^2$.